

**Flood Control Project Maintenance**  
**2009 Structure Summary Report**  
**Overall Unit and Item Ratings**

**Merced Irrigation District**

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**Black Rascal Creek Drop Structure**

Overall Unit Rating	Rated Item	Item Rating
<b>M</b>	Vegetation & Obstructions	A
	Shoaling / Sedimentation	A
	Erosion / Bank Caving	A
	Encroachments	A
	Concrete Surfaces	M
	Concrete Foundations	M
	Security Fencing	A
	Safety	A

**Owens Creek Siphon Structure**

Overall Unit Rating	Rated Item	Item Rating
<b>M</b>	Vegetation & Obstructions	M
	Shoaling / Sedimentation	M
	Erosion / Bank Caving	A
	Revetments	M
	Encroachments	M
	Culverts: Inlets / Outlets	A
	Culverts: Breaks / Holes / Cracks	A
	Concrete Surfaces	A
	Concrete Tilting / Settlement	A
	Concrete Foundations	A
	Safety	A

**Flood Control Project Maintenance****Unit Cover Sheet****2009 Structure Inspection Results****Merced Irrigation District**

Structure
Black Rascal Creek Drop Structure

Structure Rating	<b>M</b>
Date of Inspection	12/3/2009
DWR Inspector	Herman Phillips
Accompanied By	

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2009**

**Merced Irrigation District**

Structure	Structure Length	Inspection Start/End	Inspector
Black Rascal Creek Drop Structure			Herman Phillips

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Photo	Issue No.
	Start	End						Start	End		
1	0.00	0.00	Structures	Photo Documentation			Inspector Comments: The structure is in good shape, the fence is intact, and the brush from the banks has been removed.	°	°	Y	1
2	0.00	0.00	Structures	Vegetation & Obstructions		A		°	°		2
3	0.00	0.00	Structures	Shoaling / Sedimentation		A		°	°		3
4	0.00	0.00	Structures	Erosion / Bank Caving		A		°	°		4
5	0.00	0.00	Structures	Revetments		N		°	°		5
6	0.00	0.00	Structures	Encroachments		A		°	°		6
7	0.00	0.00	Structures	Culverts: Inlets / Outlets		N		°	°		7
8	0.00	0.00	Structures	Culverts: Breaks / Holes / Cracks		N		°	°		8
9	0.00	0.00	Structures	Metal Pipes		N		°	°		9
10	0.00	0.00	Structures	Trash Racks		N		°	°		10
11	0.00	0.00	Structures	Flap Gates		N		°	°		11
12	0.00	0.00	Structures	Sluice/Slide Gates		N		°	°		12
13	0.00	0.00	Structures	Electric Gate Operators		N		°	°		13
14	0.00	0.00	Structures	Manual Gate Operators		N		°	°		14
15	0.00	0.00	Structures	Concrete Surfaces		M		°	°		15
16	0.00	0.00	Structures	Concrete Tilting / Settlement		N		°	°		16

**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
PO : Partially Obstructing  
CO : Completely Obstructing  
N : Not Inspected

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2009**

**Merced Irrigation District**

Structure						Structure Length	Inspection Start/End	Inspector	
Black Rascal Creek Drop Structure								Herman Phillips	

  

LMR No.	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Photo	Issue No.
	Start	End						Start	End		
17	0.00	0.00	Structures	Concrete Foundations		M		° °	° °		17
18	0.00	0.00	Structures	Security Fencing		A		° °	° °		18
19	0.00	0.00	Structures	Closure Structures		N		° °	° °		19
20	0.00	0.00	Structures	Trash Rakes		N		° °	° °		20
21	0.00	0.00	Structures	Other Metallic Items		N		° °	° °		21
22	0.00	0.00	Structures	Monolith Joints		N		° °	° °		22
23	0.00	0.00	Structures	Safety		A		° °	° °		23

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**Levee Inspection Report By Mile - Structure 2009**

**Merced Irrigation District**

Structure	Structure Length	Inspection Start/End	Inspector
Black Rascal Creek Drop Structure			Herman Phillips

Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Structures
Item	Photo Documentation
<p>This photo shows the structure from downstream across from Bear Creek. You can see the conditions of the structure from this view.</p> <p>phillips_20091203_19.jpg</p>	

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**Flood Control Project Maintenance****Unit Cover Sheet****2009 Structure Inspection Results****Merced Irrigation District**

Structure
Owens Creek Siphon Structure

Structure Rating	<b>M</b>
Date of Inspection	7/21/2009
DWR Inspector	Herman Phillips
Accompanied By	

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2009**

**Merced Irrigation District**

Structure	Structure Length	Inspection Start/End	Inspector
Owens Creek Siphon Structure		07/21/2009 07/21/2009	Herman Phillips

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Photo	Issue No.
	Start	End						Start	End		
1	0.00	0.00	Structures	Photo Documentation	LS			°	°	Y	1
2	0.00	0.00	Structures	Vegetation & Obstructions	LS	M		°	°	Y	2
3	0.00	0.00	Structures	Shoaling / Sedimentation	LS	M		°	°	Y	3
4	0.00	0.00	Structures	Erosion / Bank Caving	LS	A		°	°		4
5	0.00	0.00	Structures	Revetments	LS	M		°	°		5
6	0.00	0.00	Structures	Encroachments	LS	M		°	°		6
7	0.00	0.00	Structures	Culverts: Inlets / Outlets	LS	A		°	°		7
8	0.00	0.00	Structures	Culverts: Breaks / Holes / Cracks	LS	A		°	°		8
9	0.00	0.00	Structures	Metal Pipes	LS	N		°	°		9
10	0.00	0.00	Structures	Trash Racks	LS	N		°	°		10
11	0.00	0.00	Structures	Flap Gates	LS	N		°	°		11
12	0.00	0.00	Structures	Sluice/Slide Gates	LS	N		°	°		12
13	0.00	0.00	Structures	Electric Gate Operators	LS	N		°	°		13
14	0.00	0.00	Structures	Manual Gate Operators	LS	N		°	°		14
15	0.00	0.00	Structures	Concrete Surfaces	LS	A		°	°		15
16	0.00	0.00	Structures	Concrete Tilting / Settlement	LS	A		°	°		16
17	0.00	0.00	Structures	Concrete Foundations	LS	A		°	°		17

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2009**

**Merced Irrigation District**

Structure	Structure Length	Inspection Start/End	Inspector
Owens Creek Siphon Structure		07/21/2009 07/21/2009	Herman Phillips

LMR No.	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Photo	Issue No.
	Start	End						Start	End		
18	0.00	0.00	Structures	Security Fencing	LS	N		° °	° °		18
19	0.00	0.00	Structures	Closure Structures	LS	N		° °	° °		19
20	0.00	0.00	Structures	Trash Rakes	LS	N		° °	° °		20
21	0.00	0.00	Structures	Other Metallic Items	LS	N		° °	° °		21
22	0.00	0.00	Structures	Monolith Joints	LS	N		° °	° °		22
23	0.00	0.00	Structures	Safety	LS	A		° °	° °		23

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**Flood Control Project Maintenance  
Levee Inspections**

## Levee Inspection Report By Mile - Structure 2009

### Merced Irrigation District

Structure	Structure Length	Inspection Start/End	Inspector
Owens Creek Siphon Structure		07/21/2009 07/21/2009	Herman Phillips

Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.00
Location	Land Side
Category	Structures
Item	Photo Documentation
Photo of the owens drop structure from the inlet side. Vegetation and sediment present in channel.	
phillips_20090806_13.jpg	



Levee Mile Report Line	2
Start Levee Mile	0.00
End Levee Mile	0.00
Location	Land Side
Category	Structures
Item	Vegetation & Obstructions
Photo of the outlet end of structure as it comes under Santa Fee (HWY 140). Veg present in channel	
phillips_20090806_8.jpg	



Levee Mile Report Line	2
Start Levee Mile	0.00
End Levee Mile	0.00
Location	Land Side
Category	Structures
Item	Vegetation & Obstructions
Another view of the outlet.	
phillips_20090806_9.jpg	

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2009**

**Merced Irrigation District**

Structure	Structure Length	Inspection Start/End	Inspector
Owens Creek Siphon Structure		07/21/2009 07/21/2009	Herman Phillips

Levee Mile Report Line	3
Start Levee Mile	0.00
End Levee Mile	0.00
Location	Land Side
Category	Structures
Item	Shoaling / Sedimentation
This photo shows the sedement and growth at the inlet of structure.	
phillips_20090806_10.jpg	

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